AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A method comprising:

registering an Internet service with a broker;

transmitting metadata, to ~~said~~ the broker, describing at least one ~~of~~ communication ~~proxies~~proxy, including at least one supported protocol~~s~~, ~~service~~a type, and ~~proxy~~ a location~~s~~ of the communication proxy; and

~~interacting with a client~~accessing, by ~~exchanging information with a~~the communication proxy, a web server to provide the Internet service to a ~~specified by said~~ client if the communication proxy is compatible with the client environment.

2. (Currently Amended) The method as in claim 1, ~~wherein interacting~~ further comprises:

~~exchanging information with a~~ downloading the communication proxy ~~at~~ from the location to a node local to ~~said~~ the client.

3. (Currently Amended) The method as in claim 1, wherein ~~describing comprises: specifying at least~~ the type of the communication proxy is one of Java, common language runtime (CLR), component object model (COM), and Win32 binaries.

4. (Currently Amended) The method as in claim 1, wherein ~~describing comprises: specifying~~ the at least one supported protocol of the communication proxy includes at least one of hypertext transfer protocol (HTTP), simple mail transfer protocol (SMTP), simple object access protocol (SOAP), secure sockets layer (SSL/HTTPS), and secure HTTP (S-HTTP).

5. (Currently Amended) The method as in claim 1, wherein ~~transmitting metadata comprises: sending one of extensible markup language (XML), hypertext markup language (html), text file, and binary~~the communication proxy is compatible with the client environment if the type of the communication proxy matches a communication proxy type specified by the client and the supported protocol of the communication proxy matches an application-level protocol specified by the client.

6. (Currently Amended) A method comprising:

requesting a desired Internet service, by a client, to a broker, including a desired communication proxy type and, optionally, a desired application-level protocol;

receiving metadata from ~~said~~ the broker regarding a communication proxy having at least a matching communication proxy type to the desired communication proxy type;

~~receiving said desired~~ downloading the communication proxy from a location specified by the metadata; and

interacting with a~~n Internet service~~ web server using ~~said desired~~ the downloaded communication proxy to receive the desired Internet service.

7. (Currently Amended) The method as in claim 6, wherein ~~receiving said desired~~ the communication proxy ~~comprises: downloading said desired communication proxy to a node local to said client~~supports the desired application-level protocol.

8. (Currently Amended) The method as in claim 6, wherein interacting ~~is accomplished at runtime~~further comprises:

remotely accessing the web server by the downloaded communication proxy according to the client.

9. (Original) The method as in claim 6, wherein interacting comprises:

dynamic interacting.

10. (Original) The method as in claim 6, wherein receiving metadata comprises:

obtaining one of extensible markup language (XML), hyper text markup language (html), text file, and binary.

11. (Currently Amended) The method as in claim 6, wherein ~~interacting comprises: utilizing~~ the desired communication proxy type is one of Java, common language runtime (CLR), component object model (COM), and Win32 binaries.

12. (Currently Amended) The method as in claim 6, wherein ~~interacting comprises: utilizing~~ the desired application-level protocol is one of hypertext transfer protocol (HTTP), simple mail transfer protocol (SMTP), simple object access protocol (SOAP), secure sockets layer (SSL/HTTPS), and secure HTTP (S-HTTP).

13. (Currently Amended) A method comprising:

receiving ~~an~~ at least one Internet service registration that includes metadata regarding at least one communication proxy;

receiving a request to locate a client-desired Internet service having a client-specified communication proxy type;

matching ~~said~~ the request with ~~said~~ the Internet service registration to identify a communications proxy of the communication proxy type; and

transmitting ~~said~~ metadata to ~~a~~ the client, the metadata including at least a location of the identified communication proxy.

14. (Currently Amended) The method as in claim 13, wherein receiving said metadata comprises:

obtaining descriptions of at least one ~~of communication proxies,~~ supported protocol~~s~~, ~~service~~a type, and a ~~proxy~~ location~~s~~ of the communication proxy.

15. (Original) The method as in claim 13, wherein receiving said metadata comprises:

obtaining one of extensible markup language (XML), hypertext markup language (html), text file, and binary.

16. (Currently Amended) The method as in claim 14, wherein ~~receiving descriptions comprises: obtaining descriptions of~~ the communication proxy type is at least one of Java, common language runtime (CLR), component object model (COM), and Win32 binaries; and wherein a supported protocol of the communication proxy includes at least one of hypertext transfer protocol (HTTP), simple mail transfer protocol (SMTP), simple object access protocol (SOAP), secure sockets layer (SSL/HTTPS), and secure HTTP (S-HTTP).

17. (Currently Amended) A machine readable medium having instructions which when executed by a machine cause said machine to perform operations comprising:

requesting a desired Internet service, to a broker, including a desired communication proxy type;

receiving metadata from ~~said~~ the broker regarding a communication proxy having at least a matching communication proxy type to the desired communication proxy type;

~~receiving said desired~~ downloading the communication proxy from a location specified by the metadata; and

interacting with a~~n Internet service~~ web server using ~~said desired~~ the downloaded communication proxy to receive the desired Internet service.

18. (Currently Amended) The machine readable medium as in claim 17, wherein ~~receiving said desired~~ the downloaded communication proxy ~~comprises: downloading said desired communication proxy to a node local to a client~~supports a specified application-level protocol.

19. (Original) The machine readable medium as in claim 17, wherein interacting is accomplished at runtime.

20. (Original) The machine readable medium as in claim 17, wherein interacting comprises:

dynamic interacting.

Please add the following new claim:

-- 21. (New) The method of claim 1, wherein the communication proxy is compatible with the client environment if the type of the communication proxy matches a communication proxy type specified by the client. --